



# **MINERvA Operations Report: All Experimenters Meeting**

---

**Anne Norrick**  
**The College of William and Mary**  
**May 5, 2014**



# Network Outage, May 1st

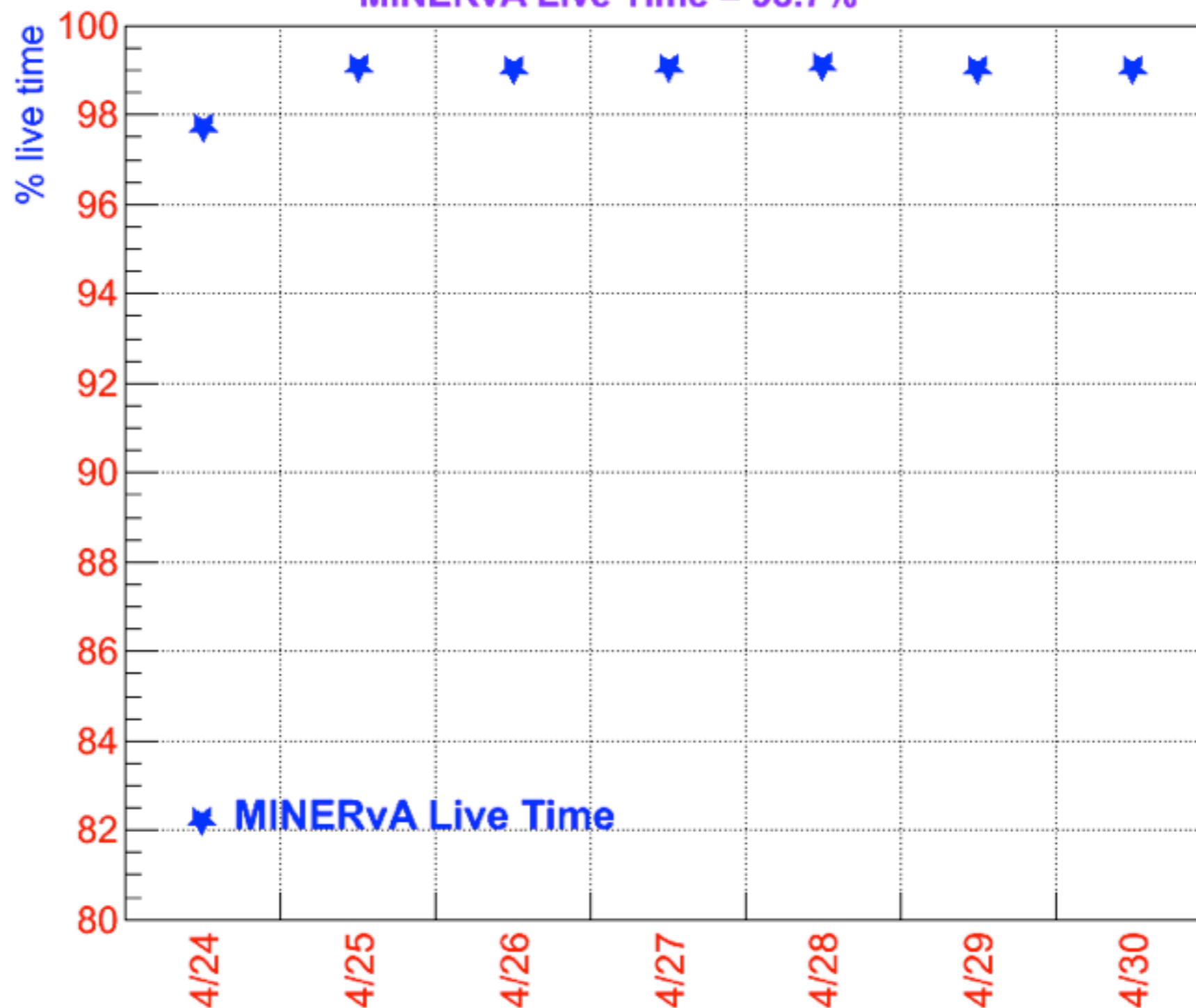


- At ~10:10am on May 1st, MINERvA Run Control tried to switch to the next subrun, but lost connection to the DAQ underground and stopped.
- We tried to restart the DAQ, but could not connect to the underground machines.
- We later learned that there was a wider network problem that affected multiple experiments. A configuration was changed which prevented us from taking data.
- We were able to reconnect and begin taking data at ~10:40am.
- This also affected beam information. The primary monitor's POT data was not recorded during this outage. Other devices did not recover until almost 1pm.
- MINOS will say more about this issue.
- The Service Desk is evaluating procedures to prevent this from happening in the future.



# Neutrino Data

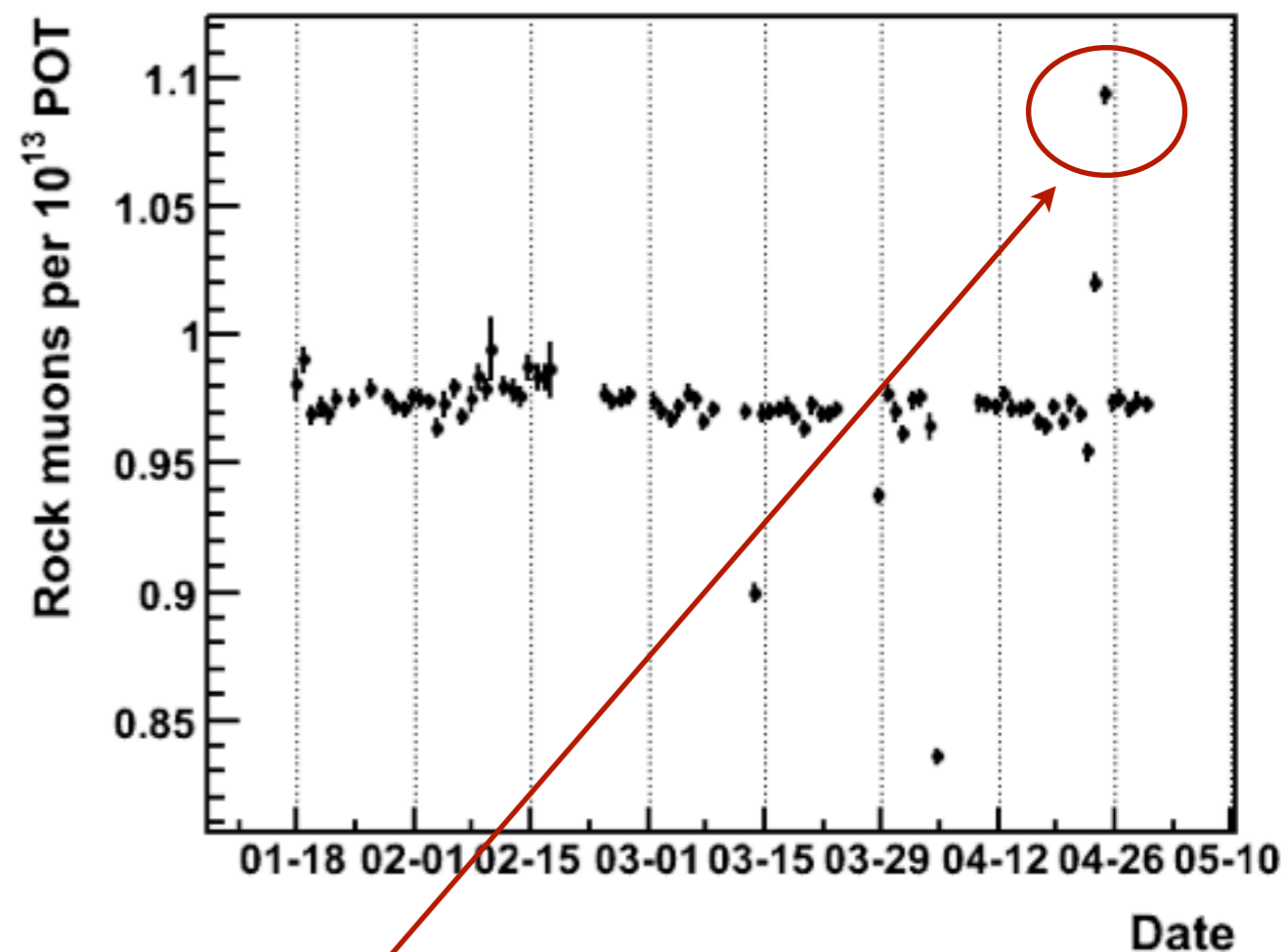
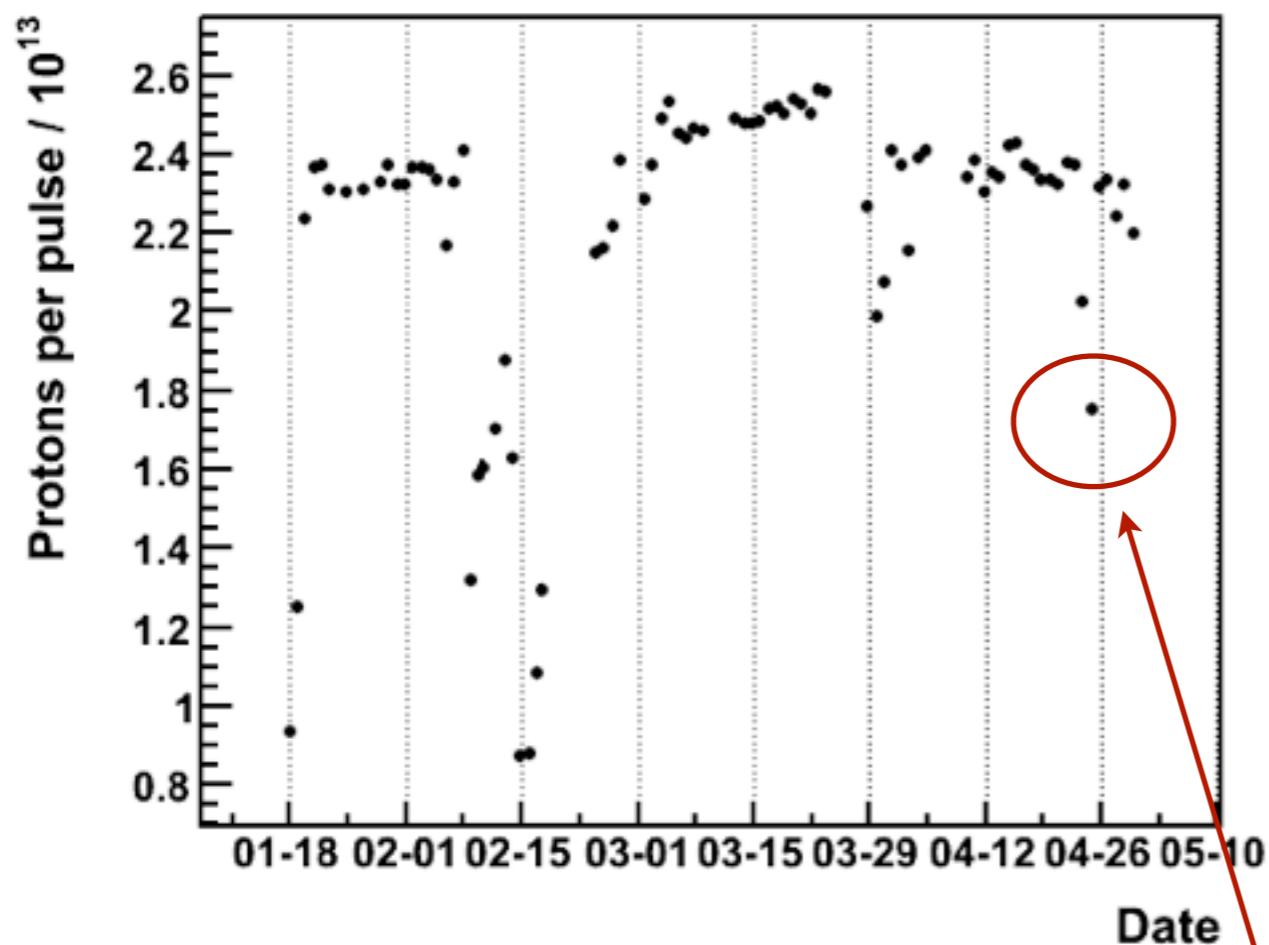
Apr 24 to Apr 30,  $0.73 \times 10^{19}$  POT Delivered,  
MINERvA Live Time = 98.7%



Network  
Outage 5/1



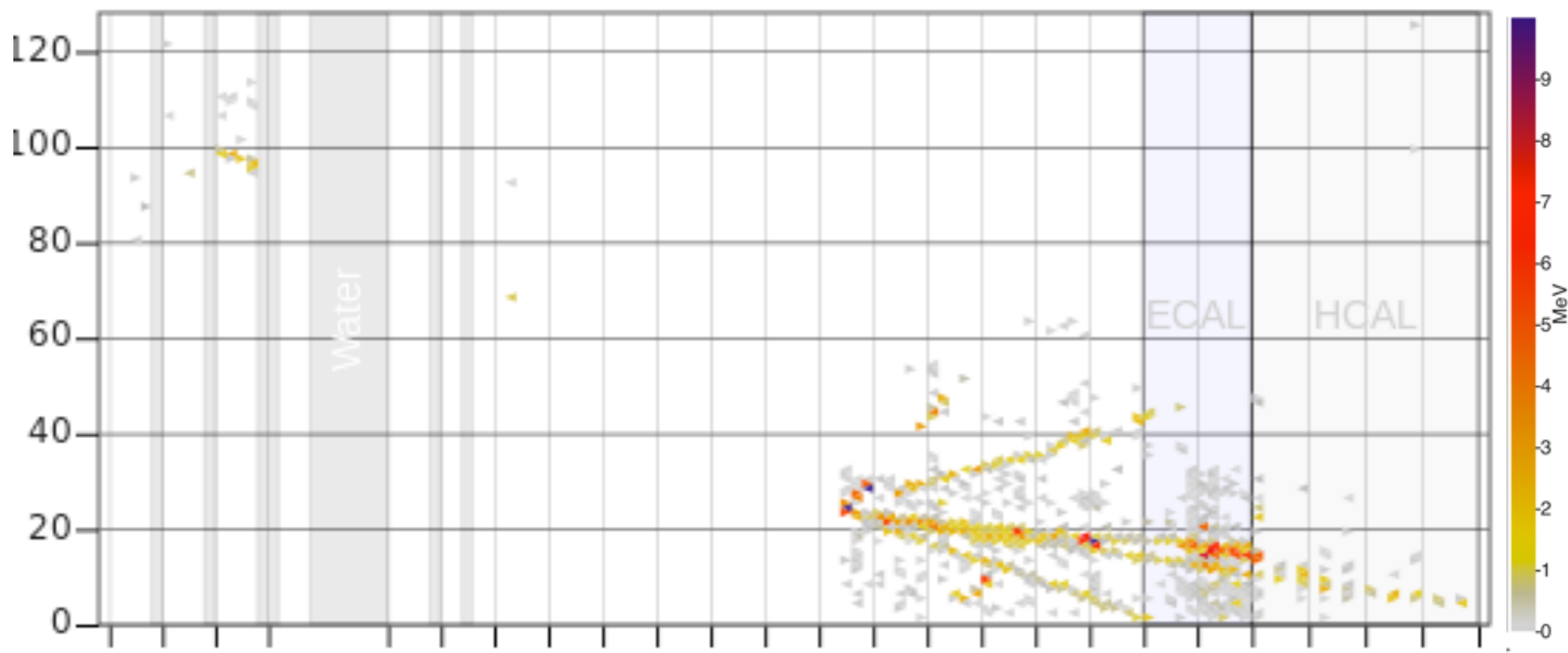
# Rock Muons/POT



Under Investigation



# Event Display



Beam Direction →

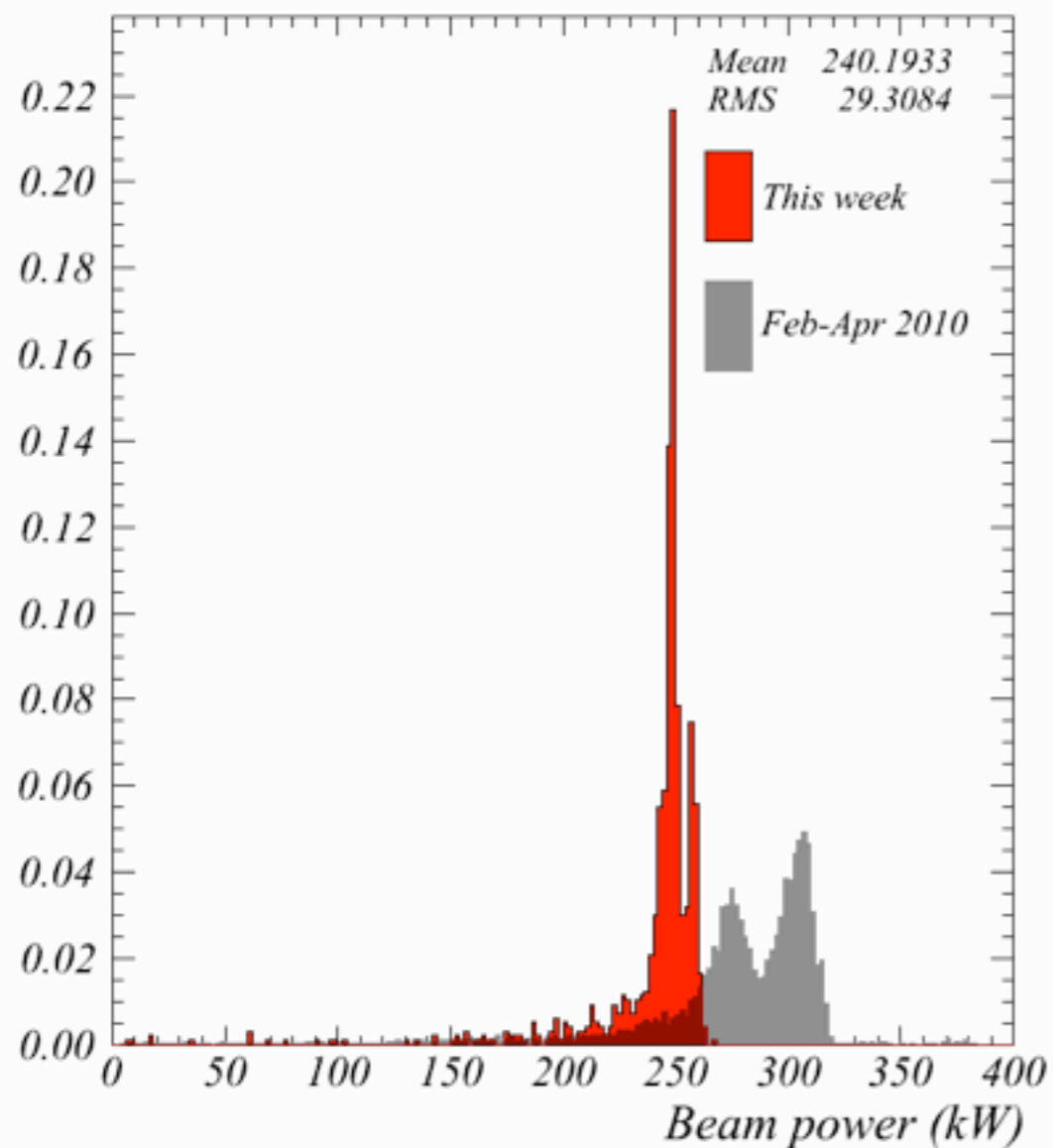
Event from 5/4/14: DIS Event in Active Target Region



# NuMI Beam Plots

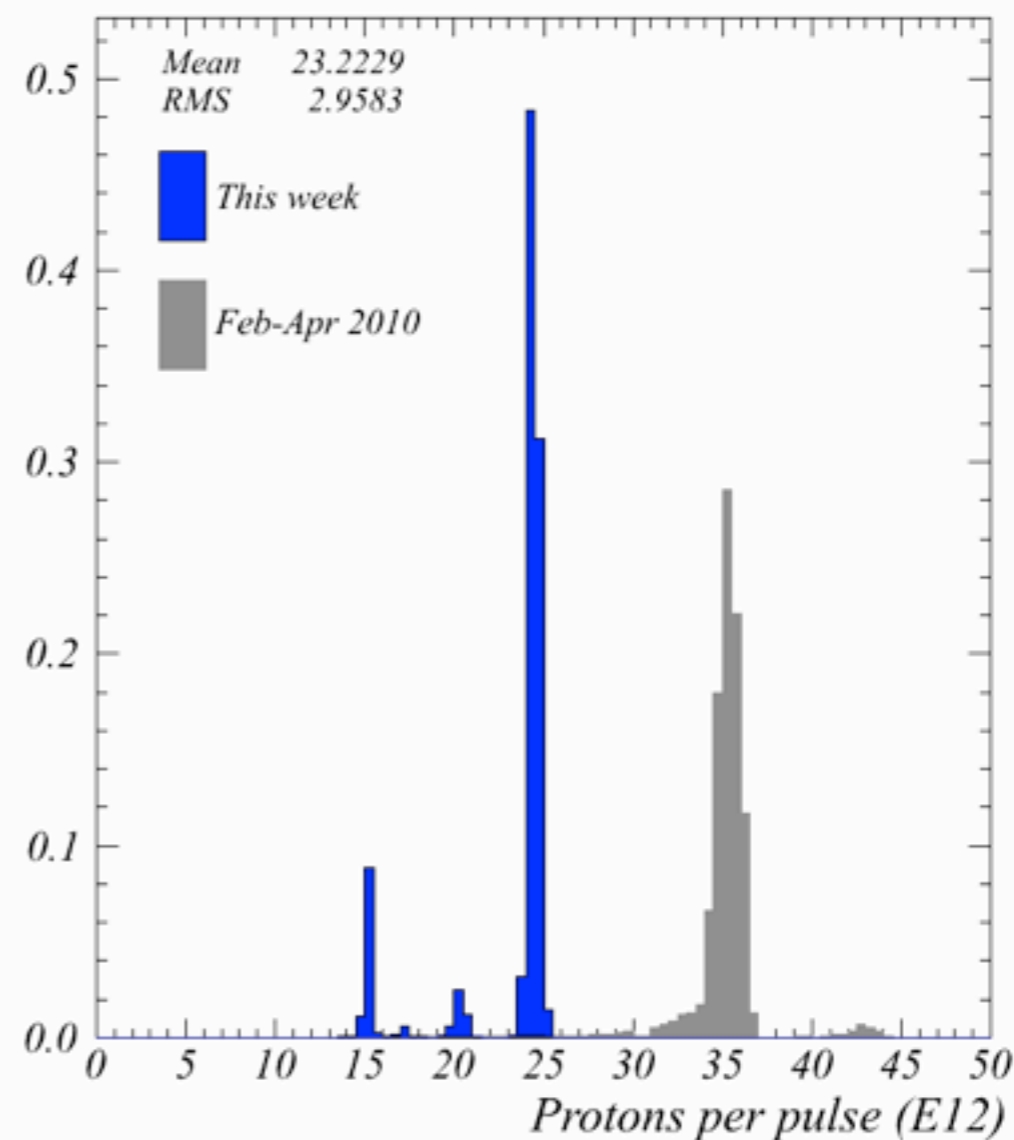


Week ending 00:00 Monday 05 May 2014



**10 Min Avg. Power**

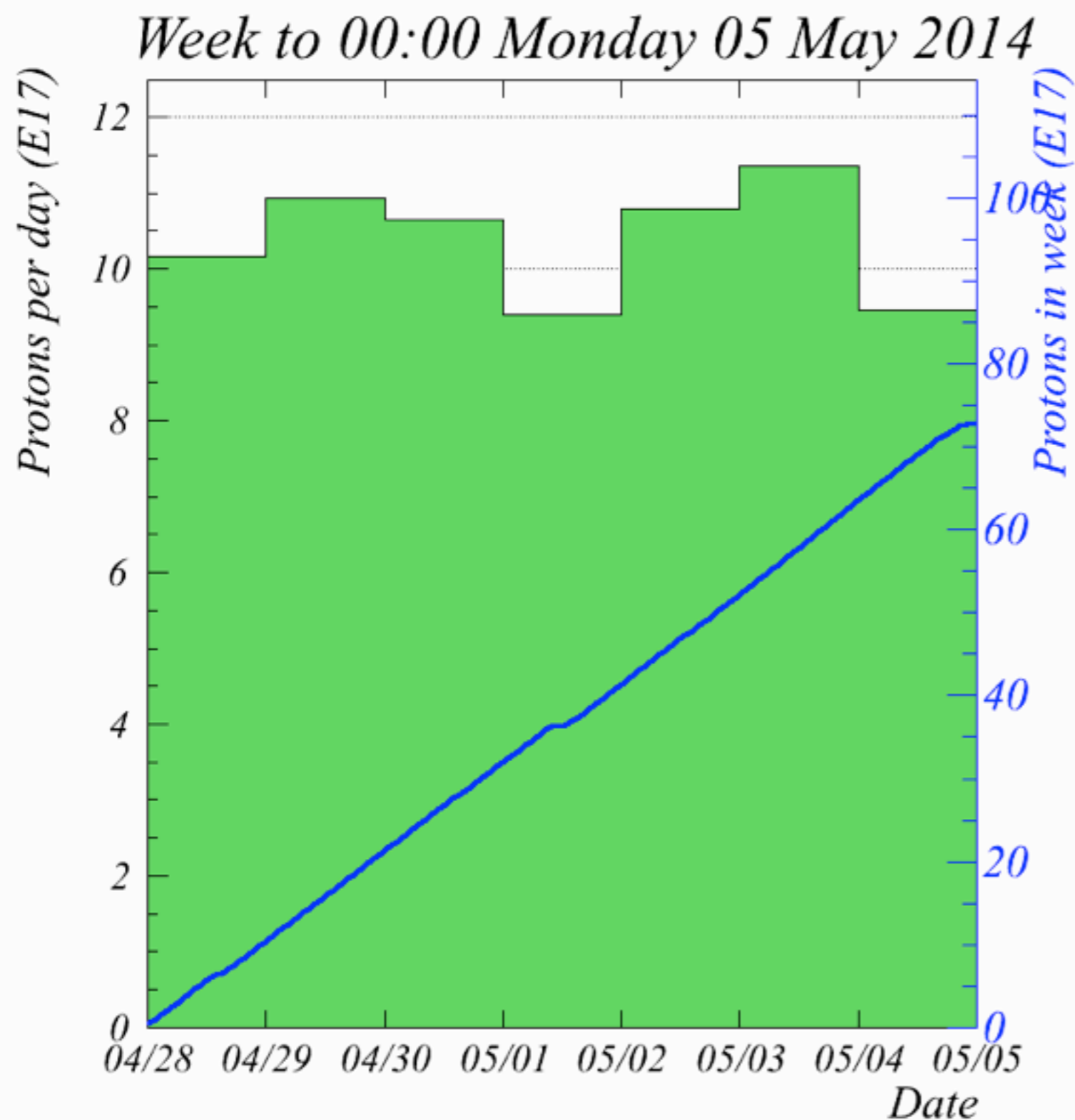
Week ending 00:00 Monday 05 May 2014



**Per Pulse Intensity**



# Protons for the Week



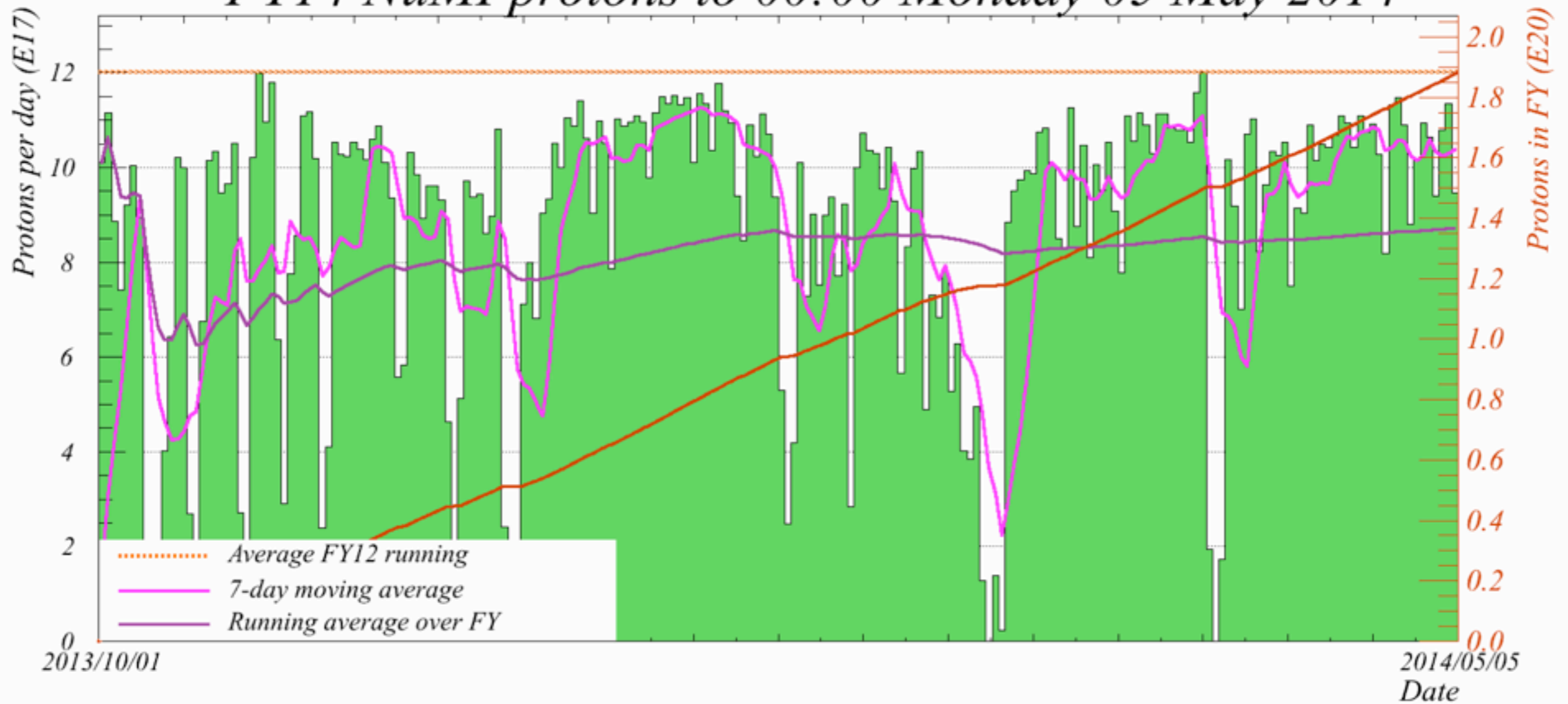
0.74E19 POT total  
4/24/14-5/4/14



# FY14 Protons



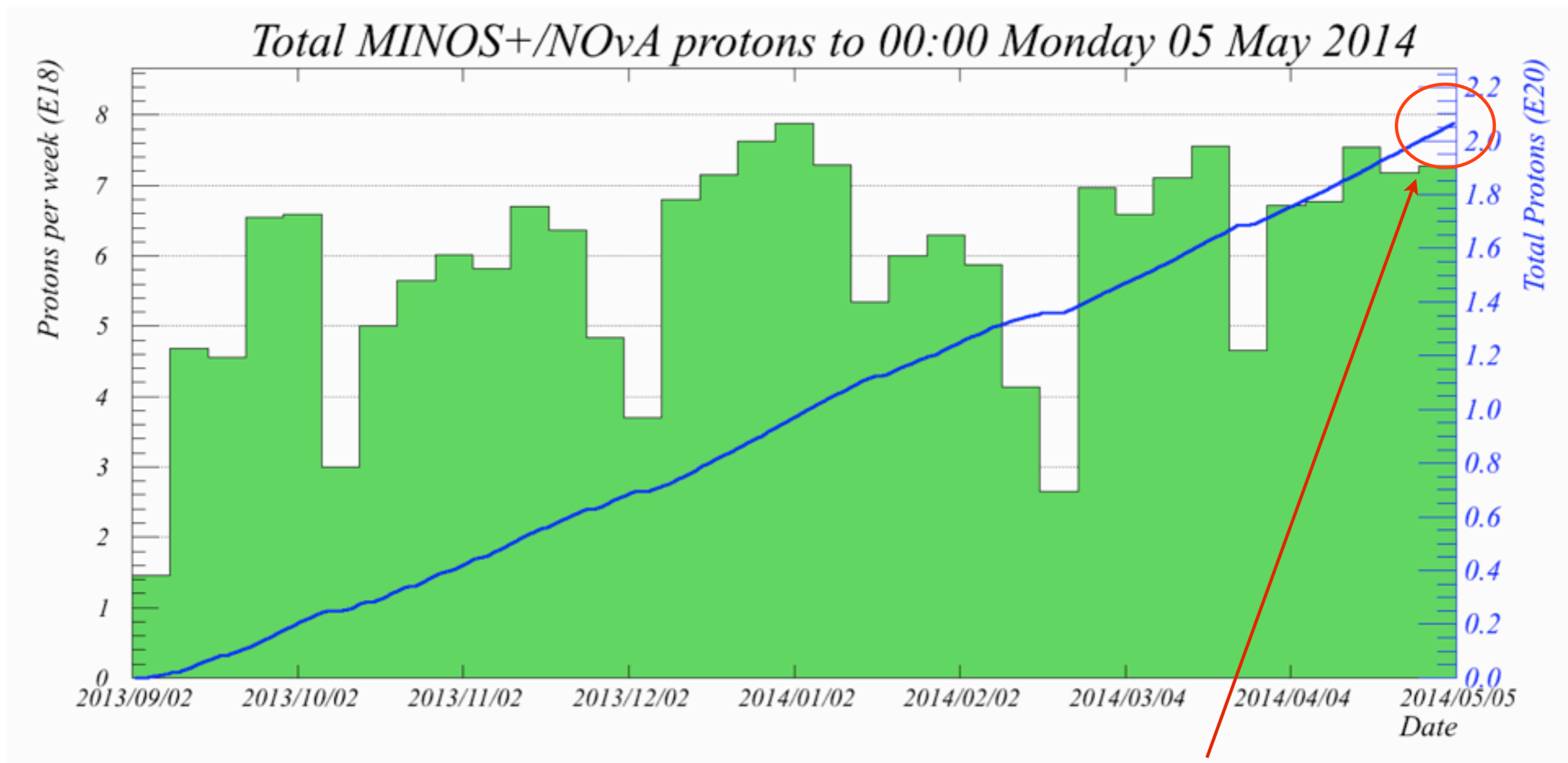
*FY14 NuMI protons to 00:00 Monday 05 May 2014*



1.88E20 POT Total



# Protons for the ME



This week we passed the **2E20 POT** mark for the ME run. Thank you to everyone for the excellent beam!  
2.06E20 in total